



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Thorsten Heinzl**

Examiner: AEDER, SEAN E

Serial No.: 10/528,104

Group Art Unit: 1642

Filed: SEPTEMBER 28, 2005

Confirmation Number: 3483

Title: **USE OF MOLECULAR MARKERS FOR THE PRECLINICAL AND CLINICAL  
PROFILING OF INHIBITORS OF ENZYMES HAVING HISTONE DEACETYLASE  
ACTIVITY**

**REPLY**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to the Office Action dated May 16, 2007, please amend the claims as follows and consider the remarks.

**Amendments to the Specification** are on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.